

## CHAPTER 44. INTRODUCTION TO PART 91 RELATED TASKS

### SECTION 1. GENERAL

**1. GENERAL.** Chapters 45 through 60 provide guidance on particular inspector tasks related to Title 14 of the Code of Federal Regulations (14 CFR) part 91, general operating and flight rules. The chapters cover the issuance of waivers and authorizations and surveillance related to compliance with those waivers and authorizations, general 14 CFR part 91 surveillance, approving minimum equipment lists, and Category II/III operations.

### 2. REVISION OF 14 CFR PART 91, GENERAL OPERATION AND FLIGHT RULES.

*A. Background.* In August 1989 the revision of 14 CFR part 91, based on a petition for rulemaking from the Aircraft Owners and Pilots Association (AOPA), went to the Federal Register for publication.

(1) The revision reorganized and realigned the sections and subsections of 14 CFR part 91 to make them more understandable and easier to use. To identify where “old” 14 CFR part 91 sections are relocated and renumbered in the revision, this chapter includes a cross-reference table in Figure 44-1, Part 91 Cross-Reference Table of Old and Revised to New Sections.

(2) The revision became effective in August 1990 with the following exception: part 91, § 91.203(a)(2) became effective in August 1989 but remained numbered as part 91, § 91.27(a)(2) until August 1990.

(a) Section 91.203(a)(2) was amended to reflect current U.S. law and practice concerning operations of aircraft outside the United States when the aircraft have been applied for registration but the permanent registration certificate has not been received.

(b) The regulations do not authorize operation outside the United States unless an actual registration certificate is in the aircraft. However, the Aircraft Registration Branch, AFS-750, will, upon request from the owner, fax a copy of the registration to the individual whose name appears on the application

as the registered owner. The faxed copy may be used as a temporary registration until the owner receives original registration. As with the original registration certificate, the copy must be carried in the aircraft.

*B. Substantive Change.* The revision contains four substantive changes to 14 CFR part 91.

(1) Part 91, § 91.117 restricts the operation of aircraft below 10,000 mean sea level (MSL) at an indicated airspeed of more than 250 knots (288 mph), unless authorized by the Administrator. If the minimum safe airspeed for any particular operation is greater than the speed described in § 91.117(a), (b), and (c), the aircraft may be operated at that minimum speed.

(a) No person may operate aircraft at or below 2,500 feet above the surface within 4 nautical miles of the primary airport of a Class C or Class D airspace area at an indicated airspeed of more than 200 knots (230 mph).

(b) No person may operate an aircraft in the airspace underlying a Class B airspace area designated for an airport or in a visual flight rules (VFR) corridor designated through such a Class B airspace area, at an indicated airspeed of more than 200 knots (230 mph).

(2) Part 91, § 91.905 allows operators with authorization to deviate from part 91, § 91.135(a), (b), and (c) provision under the authorization from air traffic control (ATC). Such request for deviation must be submitted in writing at least 4 days before the proposed operation.

(3) Part 91, § 91.409 allows operators of turbine-powered rotorcraft to use an alternate inspection program, such as annual, progressive, or other Federal Aviation Administration (FAA)-approved inspection program.

(4) Part 91, §§ 91.205, 91.509, and 91.511 define “shore” as it is used in these sections to exclude tidal flats.

**FIGURE 44-1. PART 91 CROSS-REFERENCE TABLE OF OLD AND REVISED  
TO NEW SECTIONS**

Old Section and Title	New Section and Title
<b>Subpart A — General</b>	
§ 91.1 Applicability	§ 91.1 and § 91.701 applicability
§ 91.2 Certificate of authorization for certain category II operations	§ 91.193 Certificate of authorization for certain category II operations
§ 91.3 Responsibility and authority of the pilot in command	Unchanged
§ 91.4 Pilot in command of aircraft requiring more than one pilot	§ 91.5 Pilot in command of aircraft requiring more than one required pilot
§ 91.5 Preflight action	§ 91.103 Preflight action
§ 91.6 Category II and III operations: general operating rules	§ 91.189 Category II and III operations: General operating rules
§ 91.7 Flight crewmembers at stations	§ 91.105 Flight crewmembers at stations
§ 91.8 Prohibition against interference with crewmembers	§ 91.11 Prohibition on interference with crewmembers
§ 91.9 Careless or reckless operation	§ 91.13 Careless or reckless operation
§ 91.10 Careless or reckless operation other than for the purpose of air navigation	§ 91.13 Careless or reckless operation
§ 91.11 Alcohol and drugs	§ 91.17 Alcohol or drugs
§ 91.12 Carriage of narcotic drug, marijuana, depressant or stimulant drugs or substances	§ 91.19 Carriage of narcotic drugs, marijuana, and depressant or stimulant drugs or substances
§ 91.13 Dropping objects	§ 91.15 Dropping objects
§ 91.14 Use of safety belts and shoulder harnesses	§ 91.107 Use of safety belts, shoulder harnesses, and child restraint systems
§ 91.15 Parachutes and parachuting	§ 91.307 Parachutes and parachuting
§ 91.17 Towing: Gliders	§ 91.309 Towing: gliders
§ 91.18 Towing: Other than under § 91.17	§ 91.311 Towing: Other than under § 91.309
§ 91.19 Portable electronic devices	§ 91.21 Portable electronic devices
§ 91.20 Operations within the North Atlantic minimum navigation performance specifications airspace	§ 91.705 Operations within airspace designated as minimum navigation performance specifications airspace
§ 91.21 Flight instruction: Simulated instrument flight and certain flight tests	§ 91.109 Flight instruction: Simulated instrument flight and certain flight tests
§ 91.22 Fuel requirements for flight under VFR	§ 91.151 Fuel requirements for flight in VFR conditions
§ 91.23 Fuel requirements flight in IFR conditions	§ 91.167 Fuel requirements for flight in IFR conditions
§ 91.24 ATC transponder and altitude reporting equipment use	§ 91.215 ATC transponder and altitude reporting equipment and use
§ 91.25 VOR equipment check IFR operations	§ 91.171 VOR equipment check for IFR operations
§ 91.26 Traffic alert and collision avoidance system equipment and use	§ 91.221 Traffic alert and collision avoidance system equipment and use
§ 91.27 Civil aircraft: Certifications required	§ 91.203 Civil aircraft: Certifications required
§ 91.28 Special flight authorizations for foreign civil aircraft	§ 91.715 Special flight authorizations for foreign civil aircraft
§ 91.29 Civil aircraft airworthiness	§ 91.7 Civil aircraft airworthiness
§ 91.30 Inoperable instruments and equipment for multiengine aircraft	§ 91.213 Inoperative instruments and equipment

**FIGURE 44-1. PART 91 CROSS-REFERENCE TABLE OF OLD AND REVISED  
TO NEW SECTIONS — Continued**

Old Section and Title	New Section and Title
<b>Subpart A — General — Continued</b>	
§ 91.31 Civil aircraft flight manual, marking, and placard requirements	§ 91.9 Civil aircraft flight manual, marking, and placard requirements
§ 91.32 Supplemental oxygen	§ 91.211 Supplemental oxygen
§ 91.33 Powered civil aircraft with standard category U.S. airworthiness certificates: Instrument and equipment requirements	§ 91.205 Powered civil aircraft with standard category U.S. airworthiness certificates: Instrument and equipment requirements
§ 91.34 Category II manual	§ 91.191 Category II and Category III manual
§ 91.35 Flight recorders and cockpit voice recorders	§ 91.609 Flight recorders and cockpit voice recorders
§ 91.36 Data correspondence between automatically reported pressure altitude data and the pilot's altitude reference	§ 91.217 Data correspondence between automatically reported pressure altitude data and the pilot's altitude reference
§ 91.37 Transport category civil airplane weight limitations	§ 91.605 Transport category civil airplane weight limitations
§ 91.38 Increased maximum certificated weights for certain airplanes operating in Alaska	§ 91.323 Increased maximum certificated weights for certain airplanes operated in Alaska
§ 91.39 Restricted category civil aircraft: Operating limitations	§ 91.313 Restricted category civil aircraft: Operating limitations
§ 91.40 Limited category civil aircraft: Operating limitations	§ 91.315 Limited category civil aircraft: Operating limitations
§ 91.41 Provisionally certificated civil aircraft: Operation limitation	§ 91.317 Provisionally certificated civil aircraft: Operation limitations
§ 91.42 Aircraft having experimental certificates: Operating limitations	§ 91.319 Aircraft having experimental certificates: Operating limitations
§ 91.43 Special rules for foreign civil aircraft	§ 91.711 Special rules for foreign civil aircraft
§ 91.45 Authorization for ferry flights with one engine inoperative	§ 91.611 Authorization for ferry flight with one engine inoperative
§ 91.47 Emergency exits for airplanes carrying passengers for hire	§ 91.607 Emergency exits for airplanes carrying passengers for hire
§ 91.49 Aural speed warning device	§ 91.603 Aural speed warning device
§ 91.50 Reserved	Deleted
§ 91.51 Altitude altering system or device: turbojet powered civil airplanes	§ 91.219 Altitude altering system or device: Turbojet-powered civil airplanes
§ 91.52 Emergency locator transmitter	§ 91.207 Emergency locator transmitters
§ 91.53 Reserved	Deleted
§ 91.54 Truth in leasing clause requirement in leases and conditional sales contracts	§ 91.23 Truth-in-leasing clause requirement in leases and conditional sales contracts
§ 91.55 Civil aircraft sonic boom	§ 91.817 Civil aircraft sonic boom
§ 91.56 Agricultural and firefighting airplanes: noise operating limitations	§ 91.815 Agricultural and fire fighting airplanes: Noise operating limitations
§ 91.57 Aviation Safety Reporting Program: Prohibition against using reports for enforcement purposes	§ 91.25 Aviation Safety Reporting Program: Prohibition against use of reports for enforcement purposes
§ 91.58 Material for compartment interiors	§ 91.613 Materials for compartment interiors
§ 91.59 Carriage of candidates in Federal elections	§ 91.321 Carriage of candidates in Federal elections

**FIGURE 44-1. PART 91 CROSS-REFERENCE TABLE OF OLD AND REVISED  
TO NEW SECTIONS — Continued**

Old Section and Title	New Section and Title
<b>Subpart B — Flight Rules</b>	
§ 91.61 Applicability	§ 91.101 Applicability
§ 91.63 Waivers	§ 91.903 Policy and Procedures, and § 91.905 List of rules subject to waivers
§ 91.65 Operating near other aircraft	§ 91.111 Operating near other aircraft
§ 91.67 Right of way rules; except water operations	§ 91.113 Right-of-way rules: Except water operations
§ 91.69 Right of way rules; water operations	§ 91.115 Right-of-way rules: Water operations
§ 91.70 Aircraft speed	§ 91.117 Aircraft speed
§ 91.71 Acrobatic flight	§ 91.303 Aerobatic flight
§ 91.73 Aircraft lights	§ 91.209 Aircraft lights
§ 91.75 Compliance with ATC clearances and instructions	§ 91.123 Compliance with ATC clearances and instructions
§ 91.77 ATC light signals	§ 91.125 ATC light signals
§ 91.79 Minimum safe altitude: general	§ 91.119 Minimum safe altitude: General
§ 91.81 Altimeter settings	§ 91.121 Altimeter settings
§ 91.83 Flight plan: Information required	§ 91.153 VFR flight plan: Information required, and § 91.169 IFR flight plan: Information required
§ 91.84 Flights between Mexico or Canada and the U.S.	§ 91.707 Flights between Mexico or Canada and the United States
§ 91.85 Operating on or in the vicinity of an airport: General rules	§ 91.126 Operating on or in the vicinity of an airport in Class G airspace
§ 91.87 Operation at airports with operating control towers	§ 91.130 Operations in Class C airspace § 91.131 Operations in Class B airspace
§ 91.88 Airport Radar Service Areas	§ 91.129 Operations in Class D airspace
§ 91.89 Operation at airports without control towers	Removed
§ 91.90 Terminal Control Areas	§ 91.127 Operating on or in the vicinity of an airport in Class E airspace
§ 91.91 Temporary light restrictions	§ 91.137 Temporary flight restrictions in the vicinity of disaster/hazard areas
§ 91.93 Flight test areas	§ 91.305 Flight test areas
§ 91.95 Restricted and prohibited areas	§ 91.133 Restricted and prohibited areas
§ 91.97 Positive control areas and route segments	§ 91.135 Operations in Class A airspace
§ 91.100 Emergency air traffic rules	§ 91.139 Emergency air traffic rules
§ 91.101 Operations to Cuba	§ 91.709 Operations to Cuba
§ 91.102 Flight limitations in the proximity of space flight recovery operations	§ 91.143 Flight limitation in the proximity of space flight operations
§ 91.103 Operation of civil aircraft of Cuban registry	§ 91.713 Operation of civil aircraft of Cuban registry
§ 91.104 Flight restrictions in the proximity of the Presidential and other parties	§ 91.141 Flight restrictions in the proximity of the Presidential and other parties
(Visual Flight Rules)	
§ 91.105 Basic VFR weather minimums	§ 91.155 Basic VFR weather minimums

**FIGURE 44-1. PART 91 CROSS-REFERENCE TABLE OF OLD AND REVISED  
TO NEW SECTIONS — Continued**

Old Section and Title	New Section and Title
<b>Subpart B — Flight Rules — Continued</b>	
§ 91.107 Special VFR weather minimums	§ 91.157 Special VFR weather minimums
§ 91.109 VFR cruising altitude or flight level	§ 91.159 VFR cruising altitude or flight level
§ 91.111	None
§ 91.113	None
(Instrument Flight Rules)	
§ 91.115 ATC clearance and flight plan required	§ 91.173 ATC clearance and flight plan required
§ 91.116 Takeoff and landing under IFR	§ 91.175 Takeoff and landing under IFR
§ 91.117 Reserved	Deleted
§ 91.119 Minimum altitudes operations	§ 91.177 Minimum altitudes for IFR operations
§ 91.121 IFR cruising altitude or flight level	§ 91.179 IFR cruising altitude or flight level
§ 91.123 Course to be flown	§ 91.181 Course to be flown
§ 91.125 IFR radio communications	§ 91.183 IFR radio communications
§ 91.127 IFR operations: two way radio communications failure	§ 91.185 IFR operations: Two-way radio communications failure
§ 91.129 Operation under IFR in controlled airspace: Malfunction reports	§ 91.187 Operation under IFR in controlled airspace: Malfunction reports
§ 91.131-91.159 Previously not in use	

<b>Subpart C —Maintenance, Preventive Maintenance, and Alterations</b>	
§ 91.161 Applicability	§ 91.401 Applicability
§ 91.163 General	§ 91.403 General
§ 91.165 Maintenance required	§ 91.405 Maintenance required
§ 91.167 Operation after maintenance, preventive maintenance, rebuilding, or alteration	§ 91.407 Operation after maintenance, preventive maintenance, rebuilding, or alteration
§ 91.169 Inspections	§ 91.409 Inspections
§ 91.170 Changes to aircraft inspection programs	§ 91.415 Changes to aircraft inspection programs
§ 91.171 Altimeter system & altitude reporting equipment tests and inspections	§ 91.411 Altimeter system and altitude reporting equipment tests and inspections
§ 91.172 ATC transponder tests and inspections	§ 91.413 ATC transponder tests and inspections
§ 91.173 Maintenance records	§ 91.417 Maintenance records
§ 91.174 Transfer of maintenance records	§ 91.419 Transfer of maintenance records
§ 91.175 Rebuilt engine maintenance records	§ 91.421 Rebuilt engine maintenance records
§ 91.177-91.179 Previously not in use	

<b>Subpart D — Large and Turbine-powered Multiengine Airplanes</b>	
§ 91.181 Applicability	§ 91.501 Applicability
§ 91.183 Flying equipment operating information	§ 91.503 Flying equipment and operating information
§ 91.185 Familiarity with operating limitations and emergency equipment	§ 91.505 Familiarity with operating limitations and emergency equipment
§ 91.187 Equipment requirements: Over the top or night VFR operations	§ 91.507 Equipment requirements: Over-the-top or night VFR operations
§ 91.189 Survival equipment for overwater operations	§ 91.509 Survival equipment for overwater operations
§ 91.191 Radio equipment for overwater operations	§ 91.511 Radio equipment for overwater operations
§ 91.193 Emergency equipment	§ 91.513 Emergency equipment
§ 91.195 Flight altitude rules	§ 91.515 Flight altitude rules

**FIGURE 44-1. PART 91 CROSS-REFERENCE TABLE OF OLD AND REVISED  
TO NEW SECTIONS — Continued**

Old Section and Title	New Section and Title
<b>Subpart D — Large and Turbine-Powered Multiengine Airplanes — Continued</b>	
§ 91.197 Smoking and safety belt signs	§ 91.517 Passenger information
§ 91.199 Passenger briefing	§ 91.519 Passenger briefing
§ 91.200 Shoulder harness	§ 91.521 Shoulder harness
§ 91.201 Carry-on baggage	§ 91.523 Carry-on baggage
§ 91.203 Carriage of cargo	§ 91.525 Carriage of cargo
§ 91.205 Transport category airplane weight limitations	Deleted
§ 91.207 None	Deleted
§ 91.209 Operating in icing	§ 91.527 Operating in icing conditions
§ 91.211 Flight engineer requirements	§ 91.529 Flight engineer requirements
§ 91.213 Second-in-command requirements	§ 91.531 Second in command requirements
§ 91.215 Flight attendant	§ 91.533 Flight attendant requirements
§ 91.217-91.299 Previously not in use	
§ 91.301 Applicability: Relation to Part 36	§ 91.801 Applicability: Relation to part 36
§ 91.302 Part 125 operators: Designation of applicable regulations	§ 91.803 Part 125 operators: Designation of applicable regulations
§ 91.303 Final compliance: Subsonic airplanes	§ 91.805 Final compliance: Subsonic airplanes
§ 91.305 Phased compliance under Parts 121 and 135: Subsonic airplanes	§ 91.807 Reserved
§ 91.306 Replacement airplanes	§ 91.809 Reserved
§ 91.307 Service to small communities exemption: two-engine, subsonic airplanes	§ 91.811 Reserved
§ 91.308 Compliance plans and status: U.S. operators of subsonic airplanes	§ 91.813 Reserved
§ 91.309 Civil supersonic airplanes that do not comply with Part 36	§ 91.819 Civil supersonic airplanes that do not comply with part 36
§ 91.311 Civil supersonic airplanes: Noise limits	§ 91.821 Civil supersonic airplanes: Noise limits